

FORM PTO-1390 (Modified)  
(REV 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

02008.071001; AD-0243PCTUS

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

09/980891

INTERNATIONAL APPLICATION NO.

PCT/JP01/02910

INTERNATIONAL FILING DATE

4 April 2001 (04/04/01)

PRIORITY DATE CLAIMED

4 April 2000 (04/04/00)

TITLE OF INVENTION

METHOD AND APPARATUS FOR DEFECT ANALYSIS OF SEMICONDUCTOR INTEGRATED CIRCUIT

APPLICANT(S) FOR DO/EO/US

Masahiro ISHIDA, Takahiro YAMAGUCHI, and Toshihiro HASHIMOTO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☐ Other items or information:



22511

PATENT TRADEMARK OFFICE

U.S. APPLICATION NO. (IF KNOWN, S. 37 CFR) <b>09/980891</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP01/02910</b>		ATTORNEY'S DOCKET NUMBER <b>02008.071001;</b>	
--	--	--	--	--	--

24. The following fees are submitted:.

				CALCULATIONS PTO USE ONLY	
<b>BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :</b>					
<input type="checkbox"/>	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....		<b>\$1040.00</b>		
<input checked="" type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....		<b>\$890.00</b>		
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....		<b>\$740.00</b>		
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....		<b>\$710.00</b>		
<input type="checkbox"/>	International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....		<b>\$100.00</b>		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>\$890.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				<b>\$0.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	31 - 20 =	11	x \$18.00	<b>\$198.00</b>	
Independent claims	5 - 3 =	2	x \$84.00	<b>\$168.00</b>	
Multiple Dependent Claims (check if applicable). <input checked="" type="checkbox"/>				<b>\$280.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1,536.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.				<b>\$0.00</b>	
<b>SUBTOTAL =</b>				<b>\$1,536.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 +				<b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1,536.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input checked="" type="checkbox"/>				<b>\$40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1,576.00</b>	
				Amount to be: refunded	\$
				charged	\$

a. ☒ A check in the amount of **\$1,576.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-0591** A duplicate copy of this sheet is enclosed.

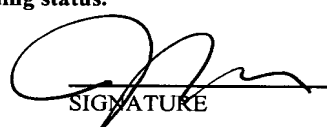
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**Jonathan P. Osha, Reg. No. 33,986**  
**ROSENTHAL & OSHA L.L.P.**  
 700 Louisiana, Suite 4550  
 Houston, Texas 77002

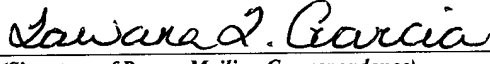
Telephone: (713) 228-8600  
 Facsimile: (713) 228-8778

  
 SIGNATURE

**Jonathan P. Osha**  
 NAME

**33,986**  
 REGISTRATION NUMBER

**12/3/01**  
 DATE

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No.
Applicant(s): Masahiro ISHIDA et al.			02008.071001; AD-0243PCTUS
Serial No.	Filing Date	Examiner	Group Art Unit
Invention: <b>METHOD AND APPARATUS FOR DEFECT ANALYSIS OF SEMICONDUCTOR INTEGRATED CIRCUIT</b>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; height: 50px; margin: 10px 0;"></div> <div style="text-align: center;"> <b>Information Disclosure Statement</b>  <i>(Identify type of correspondence)</i> </div>			
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> <u>12/3/2001</u>  <i>(Date)</i> </div> <div style="text-align: center;"> <u>PD. Box 2327</u>  <u>Arlington, VA 22202</u> </div> </div> <div style="margin-top: 10px;"> <div style="text-align: center;"> <u>Tawana L. Garcia</u>  <i>(Typed or Printed Name of Person Mailing Correspondence)</i> </div> <div style="text-align: center; margin-top: 10px;">   <i>(Signature of Person Mailing Correspondence)</i> </div> <div style="text-align: center; margin-top: 10px;"> <u>EV 01425620045</u>  <i>("Express Mail" Mailing Label Number)</i> </div> </div>			
Note: Each paper must have its own certificate of mailing.			

09/980891

JP13 Rec'd PCT/PTO 03 DEC 2001

## CERTIFICATE OF MAILING BY EXPRESS MAIL" (37 CFR 1.10)

Docket No.

Applicant(s): Michel MAILLARD et al.

Serial No.

09/958,632

Filing Date

October 12, 2001

Examiner

Group Art Unit

Invention: METHOD AND APPARATUS FOR DEFECT ANALYSIS OF SEMICONDUCTOR INTEGRATED CIRCUIT

I hereby certify that the following correspondence:

U.S. National Phase Application w/attachments

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20234 on

December 3, 2001

(Date)

P.O. Box 2327

Arlington, VA 22202

Tawana L. Garcia

(Typed or Printed Name of Person Mailing Correspondence)

Tawana L. Garcia

(Signature of Person Mailing Correspondence)

EV 014256200 US

("Express Mail" Mailing Label Number)

EVO14256200US

Note: Each paper must have its own certificate of mailing.